ARTC

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. NESA-S027 (v1.0)

Approval date	02 July 2019
Approved by	Acting GM Technical Standards
Report no.	NESA-S027
Report date	12/06/2019
This certificate is issued to	
Supplier	Enersys Australia Pty Ltd
In respect of	
Manufacturer	Enersys Australia
Product description	SuperSafe SBS EON, Genesis and Odyssey battery ranges
Item identification	Refer to Approved Item List.
Application	ARTC Network Wide
Relevant Standards	SPS 02 Environmental Conditions ESD-09-01 Signalling Power Systems

Conditions of Approval

1. For use in accordance with standard typical circuits.
2. Only components listed may be utilised.
3. Only to be used with a battery charger suited for Valve Regulated Lead Acid (VRLA) batteries and for the size of battery and standing load.
4. Battery connectors to be used as per type approved list – refer to battery connectors.
5. No smoking in the proximity of batteries is permitted.
6. Personal Protective Equipment (PPE) must be worn whenever handling the batteries.
7. Batteries must be installed away from direct sunlight, in clean locations with ventilation.
8. Mechanical aids should be used when moving batteries to reduce the likelihood of WHS incidents.
9. Only water may be used to clean the battery surface.
10. Wire brushes are not permitted to clean battery terminals, only soft non-conductive brushes are allowed.
11. Life expired batteries are only to be disposed of through battery

recycling organisations.

12. Periodic maintenance shall be carries out in accordance with Service Schedule SC09120100 – 'Battery Supply DC No Break'.

A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

Note/Comments N/A

Issue date

Expiry date N/A

Issued by

John Furness

ARTC Manager Standards

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Approved item list

PowerSafe SBS EON battery range **(Current approved range)**

Battery Type	Capacity (Ah)	Voltage (DC)	Dimensions (mm) L x W x H	Weight (kg)	Connector Part No.	Comments
SBS B14	62	12	280x97x264	19.1	2205-8919	Adapter kit required to covert to Front Terminal batteries
SBS B14F	62	12	280x97x264	19.1	2205-8891	
SBS C11	92	12	15.6x105x2646	28.0	2205-8919	
SBS C11F	92	12	16.4x105x256	28.0	2205-8891	
SBS 100	100	12	395x108x287	32.6	2205-8750	Front Terminal batteries
SBS 100F	100	12	395x108x287	32.6	2205-8749	
SBS 170F	170	12	561x125x283	52.5	2205-8769	
SBS 190F	190	12	561x125x316	60.0	2205-8769	
SBS 410	410	2	200x208x239	23.2	2205-9887 (A) 2205-9887 (B)	Top Terminal batteries
SBS 320	320	2	103x206x403	20.0	N/A	
SBS 400	400	2	124x206x403	24.0	N/A	
SBS 480	480	2	145x206x403	28.0	N/A	
SBS 580	580	2	124x206x520	33.0	N/A	
SBS 680	680	2	145x206x520	38.5	N/A	
SBS 780	780	2	166x206x520	44.0	N/A	
SBS 900	900	2	145x206x695	50.0	N/A	

Genesis EP range

Battery Type	Capacity (Ah)	Voltage (DC)	Dimensions (mm) L x W x H	Weight (kg)	Connector Part No.	Comments
G13EP	13	12	175.5 x 83.3 x 129.8	4.9	N/A	1. Top terminal batteries 2. Solar applications or Microlok backup
G16EP	16	12	181.6 x 76.2 x 167.9	6.1	N/A	
G26EP	26	12	166.9 x 175.8 x 126.0	10.1	N/A	
G42EP	42	12	197.4 x 165.9 x 170.7	14.9	N/A	
G70EP	70	12	330.7 x 168.1 x 176.0	24.3	N/A	

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Genesis NP range

Battery Type	Capacity (Ah)	Voltage (DC)	Dimensions (mm) L x W x H	Weight (kg)	Connector Part No.	Comments
NP7-12	7	12	151 x 65 x 100	5.72	N/A	1. Top terminal batteries 2. Solar applications or Microlok backup
NP12-12	12	12	151 x 98 x 100	8.95	N/A	
NP24-12	24	12	166 x 175 x 125	20.00	N/A	
NP65-12	65	12	350 x 166 x 174	52.10	N/A	
NP75-12	75	12	259 x 169 x 208	58.42	N/A	
NP100-12	100	12	329 x 174 x 214	32.94	N/A	
NP120-12	120	12	407 x 173 x 235	38.41	N/A	
NP150-12	150	12	483 x 170 x 241	47.13	N/A	
NP200-12	200	12	520 x 260 x 208	73	N/A	

Odyssey TPPL range

Battery Type	Capacity (Ah)	Voltage (DC)	Dimensions (mm) L x W x H	Weight (kg)	Connector Part No.	Comments
PC1200MJT	40	12	199.9 x 169.2 x 193	17.4	N/A	1. Top terminal batteries 2. For use with generators
PC2150MJ	92	12	331.7 x 175 x 243.6	35.3	N/A	
PC2250	114	12	286.0 x 269.0 x 233.0	39	N/A	
PC1300	153	12	353 x 175 x 190	27.4	N/A	
PC1500	198	12	275.6 x 179.8 x 200.2	22.4	N/A	